

WHAT IS CLAIMED IS

1. A system for an adaptive resending request control in mobile radio communications having a reception side and a transmission side, in which said reception side comprises measuring means for measuring a line state of
5 a line of a radio section, first selecting means for selecting a control state of a coding rate in correspondence with the measurement results on the basis of the measurement results, and means for renewing the control state and transmitting the control data on the control state to said transmission side; and said transmission side comprises second selecting means for selecting the
10 coding rate in correspondence with the received control data on the basis of the received control data, and means for generating data with the selected coding rate and transmitting the generated data to said reception side.

2. A system for an adaptive resending request control in mobile radio communications having a reception side and a transmission side, in which
15 said reception side comprises measuring means for measuring a line state of a line of a radio section, first selecting means for selecting a control state of a packet resending control period in correspondence with the measurement results on the basis of the measurement results, and means for renewing the control state and transmitting the control data on the control state to said
20 transmission side; and said transmission side comprises second selecting means for selecting the packet resending control period in correspondence with the received control data on the basis of the received control data, and control means for controlling a packet resending control period to the selected packet resending control period.

25 3. A system for an adaptive resending request control in mobile radio

communications having a reception side and a transmission side, in which said reception side comprises measuring means for measuring a line state of a line of a radio section, first selecting means for selecting a control state of a coding rate and packet resending control period in correspondence with the measurement results on the basis of the measurement results, and means for renewing the control state and transmitting the control data on the control state to said transmission side; and said transmission side comprises second selecting means for selecting the coding rate and packet resending control period in correspondence with the received control data on the basis of the received control data, means for generating data with the selected coding rate and transmitting the generated data to said reception side, and control means for controlling a packet resending control period to the selected packet resending control period.

4. The system as claimed in claim 1, wherein said measuring means measures the number of packet reception and measures a line state by the line state-measuring method which is used suitable for the number of packet reception.

5. The system as claimed in claim 4, wherein said line state-measuring method is an SIR measuring method or a packet arrival rate measuring method.

6. The system as claimed in claim 2, wherein said measuring means measures the number of packet reception and measures a line state by the line state-measuring method which is used suitable for the number of packet reception.

7. The system as claimed in claim 6, wherein said line state-measuring

method is an SIR measuring method or a packet arrival rate measuring method.

8. The system as claimed in claim 3, wherein said measuring means measures the number of packet reception and measures a line state by the
5 line state-measuring method which is used suitable for the number of packet reception.

9. The system as claimed in claim 8, wherein said line state-measuring method is an SIR measuring method or a packet arrival rate measuring method.

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